

COMPARISON OF SAMPLE RESULTS RELATED TO THE NORTH COLUMBUS DRIVE SITE						
			March 21			March 21
			Results			Results
	March 7	March 15	From	March 7	March 15	From
	Results	Results	Argonne	Results	Results	Argonne
	From	From	National	From	From	National
	RSSI	RSSI	Laboratory	RSSI	RSSI	Laboratory
	(pCi/g)	(pCi/g)	(pCi/g)	(pCi/g)	(pCi/g)	(pCi/g)
	S-003	S-003	S-003	S-004	S-004	S-004
U-238						
Th-234						
Pa-234M						
U-234						
Th-230						
Ra-226	0.029	4.3		0.013	3.0	
Pb-214		1.9			0.84	
Bi-214		1.5			0.73	
Th-232						
Ra-228	0.25	1.7		0.13	0.88	
Th-228						
Ra-224						
Pb-212		1.6			0.82	
Bi-212		0.91				
Tl-208						
K-40		13.1			11.0	

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			March 21			March 21	March 21
			Results			Results	Results
	March 7	March 15	From	March 7	March 15	From	From
	Results	Results	Argonne	Results	Results	Argonne	Argonne
	From	From	National	From	From	National	National
	RSSI	RSSI	Laboratory	RSSI	RSSI	Laboratory	Laboratory
							Duplicate
	(pCi/g)	(pCi/g)	(pCi/g)	(pCi/g)	(pCi/g)	(pCi/g)	(pCi/g)
	S-001	S-001	S-001	S-002	S-002	S-002	S-002
			Various				Various
			Energies				Energies
U-238							
Th-234							
Pa-234M							
U-234							
Th-230							
Ra-226	2.7	255	172	2.0	219	130	123
Pb-214		137			120		
Bi-214		123			97		
Th-232							
Ra-228	155	1050	1560	75	516	547	532
Th-228							
Ra-224							
Pb-212		1413			620		
Bi-212		685			315		
Tl-208							
K-40		103	144		49	43	51
Be-7			0.552				

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COMPARISON OF SAMPLE RESULTS RELATED TO THE NORTH COLUMBUS DRIVE SITE						
			March 21			March 21
			Results			Results
	March 7	March 15	From	March 7	March 15	From
	Results	Results	Argonne	Results	Results	Argonne
	From	From	National	From	From	National
	RSSI	RSSI	Laboratory	RSSI	RSSI	Laboratory
	(pCi/g)	(pCi/g)	(pCi/g)	(pCi/g)	(pCi/g)	(pCi/g)
	S-005	S-005	S-005	S-006	S-006	S-006
						Various
						Energies
U-238						
Th-234						
Pa-234M						
U-234						
Th-230						
Ra-226	0.040	7.4		0.034	----	2.38
Pb-214		2.5			2.2	
Bi-214		2.1			1.8	
Th-232						
Ra-228	1.3	8.9		1.61	11.1	13.2
Th-228						
Ra-224						
Pb-212		12.0			15.4	
Bi-212		5.4			6.7	
Tl-208						
K-40		13.8			11.1	7.53

COMPARISON OF SAMPLE RESULTS RELATED TO THE NORTH COLUMBUS DRIVE SITE												
				March 21 Results	March 21 Results	March 21 Results				March 21 Results	March 21 Results	March 21 Results
	March 15 Results From RSSI	March 15 Results From RSSI	March 15 Results From RSSI	From Argonne National Lab	From Argonne National Lab	From Argonne National Lab	March 15 Results From RSSI	March 15 Results From RSSI	March 15 Results From RSSI	From Argonne National Lab	From Argonne National Lab	From Argonne National Lab
	(pCi/g)	(pCi/g)	(pCi/g)	(pCi/g)	(pCi/g)	(pCi/g)	(pCi/g)	(pCi/g)	(pCi/g)	(pCi/g)	(pCi/g)	(pCi/g)
	Munster Landfill						Beverly Gravel Hole 1					
	186 keV	352 keV	911 keV	Various Energies	352 keV	911 keV	186 keV	352 keV	911 keV	Various Energies	352 keV	911 keV
U-238												
Th-234												
Pa-234M												
U-234												
Th-230												
Ra-226	2.2	0.76						0.69		0.60	0.635	
Pb-214												
Bi-214												
Th-232												
Ra-228			0.54						0.52	0.55		0.559
Th-228												
Ra-224												
Pb-212												
Bi-212												
Tl-208												
K-40										<4.54		
Cs-137										0.112		
Co-60										0.128		
Am-241										0.38		

COMPARISON OF SAMPLE RESULTS RELATED TO THE NORTH COLUMBUS DRIVE SITE												
				March 21 Results	March 21 Results	March 21 Results				March 21 Results	March 21 Results	March 21 Results
	March 15 Results	March 15 Results	March 15 Results	From Argonne National Lab	From Argonne National Lab	From Argonne National Lab	March 15 Results	March 15 Results	March 15 Results	From Argonne National Lab	From Argonne National Lab	From Argonne National Lab
	RSSI	RSSI	RSSI				RSSI	RSSI	RSSI			
	(pCi/g)	(pCi/g)	(pCi/g)	(pCi/g)	(pCi/g)	(pCi/g)	(pCi/g)	(pCi/g)	(pCi/g)	(pCi/g)	(pCi/g)	(pCi/g)
	Beverly Gravel Hole 1 Control						Beverly Gravel Hole 1, West Sample					
	186 keV	352 keV	911 keV	Various Energies	352 keV	911 keV	186 keV	352 keV	911 keV	Various Energies	352 keV	911 keV
U-238												
Th-234												
Pa-234M												
U-234												
Th-230												
Ra-226		0.70		1.01	1.02		0.620			0.77	0.785	
Pb-214												
Bi-214												
Th-232												
Ra-228			0.48	0.98		0.93			0.92	1.42		1.37
Th-228												
Ra-224												
Pb-212												
Bi-212												
Tl-208												
K-40				13.2						12.1		

COMPARISON OF SAMPLE RESULTS RELATED TO THE NORTH COLUMBUS DRIVE SITE												
				March 21	March 21	March 21						
				Results	Results	Results						
	March 15	March 15	March 15	From	From	From						
	Results	Results	Results	Argonne	Argonne	Argonne						
	From	From	From	National	National	National						
	RSSI	RSSI	RSSI	Lab	Lab	Lab						
	(pCi/g)	(pCi/g)	(pCi/g)	(pCi/g)	(pCi/g)	(pCi/g)						
	Romeoville											
	186 keV	352 keV	911 keV	Various	352 keV	911 keV						
				Energies								
U-238												
Th-234												
Pa-234M												
U-234												
Th-230												
Ra-226		2.6										
Pb-214												
Bi-214												
Th-232												
Ra-228			1.2									
Th-228												
Ra-224												
Pb-212												
Bi-212												
Tl-208												
K-40												